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Figure 1

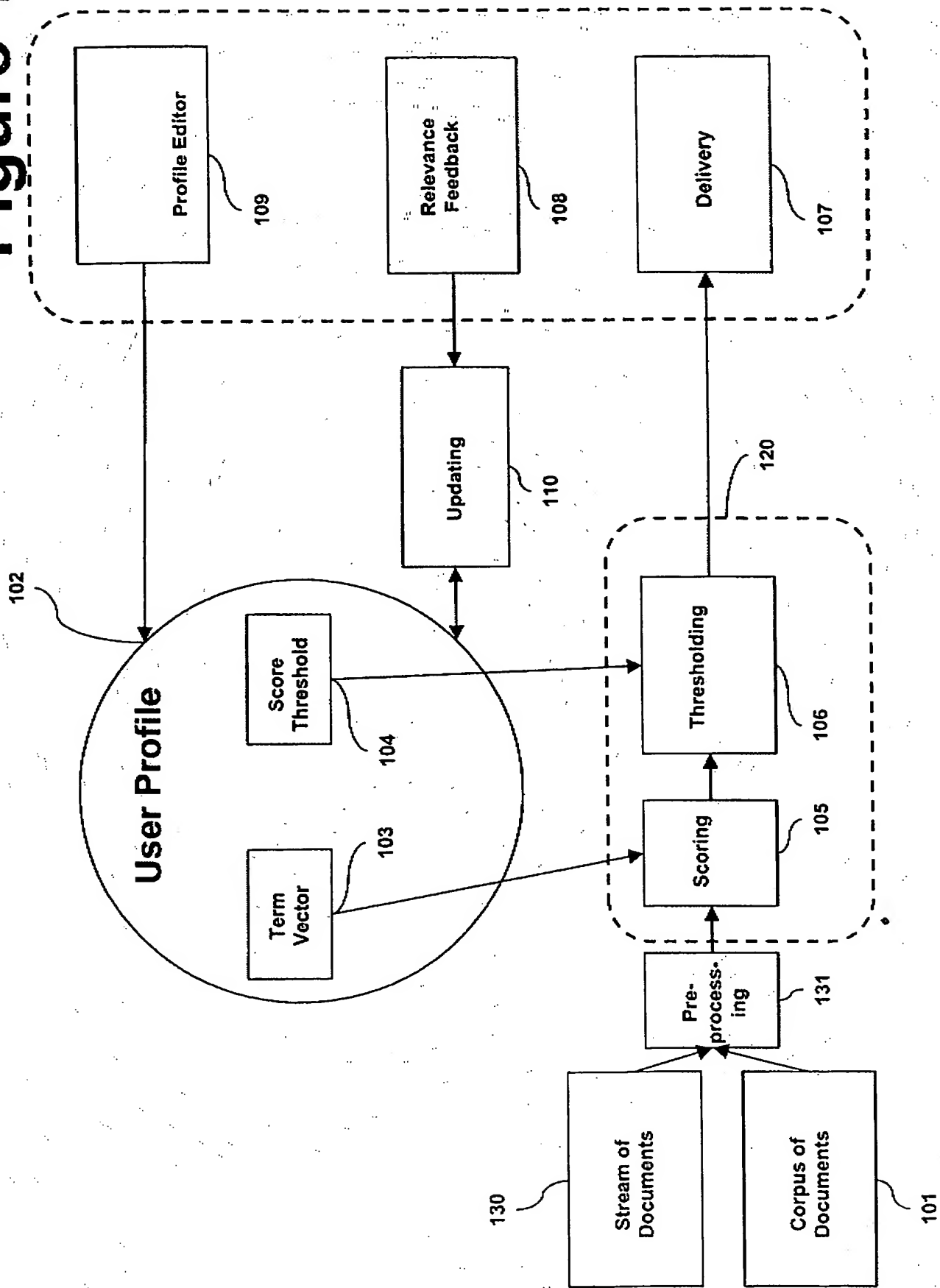


Figure 2(a)

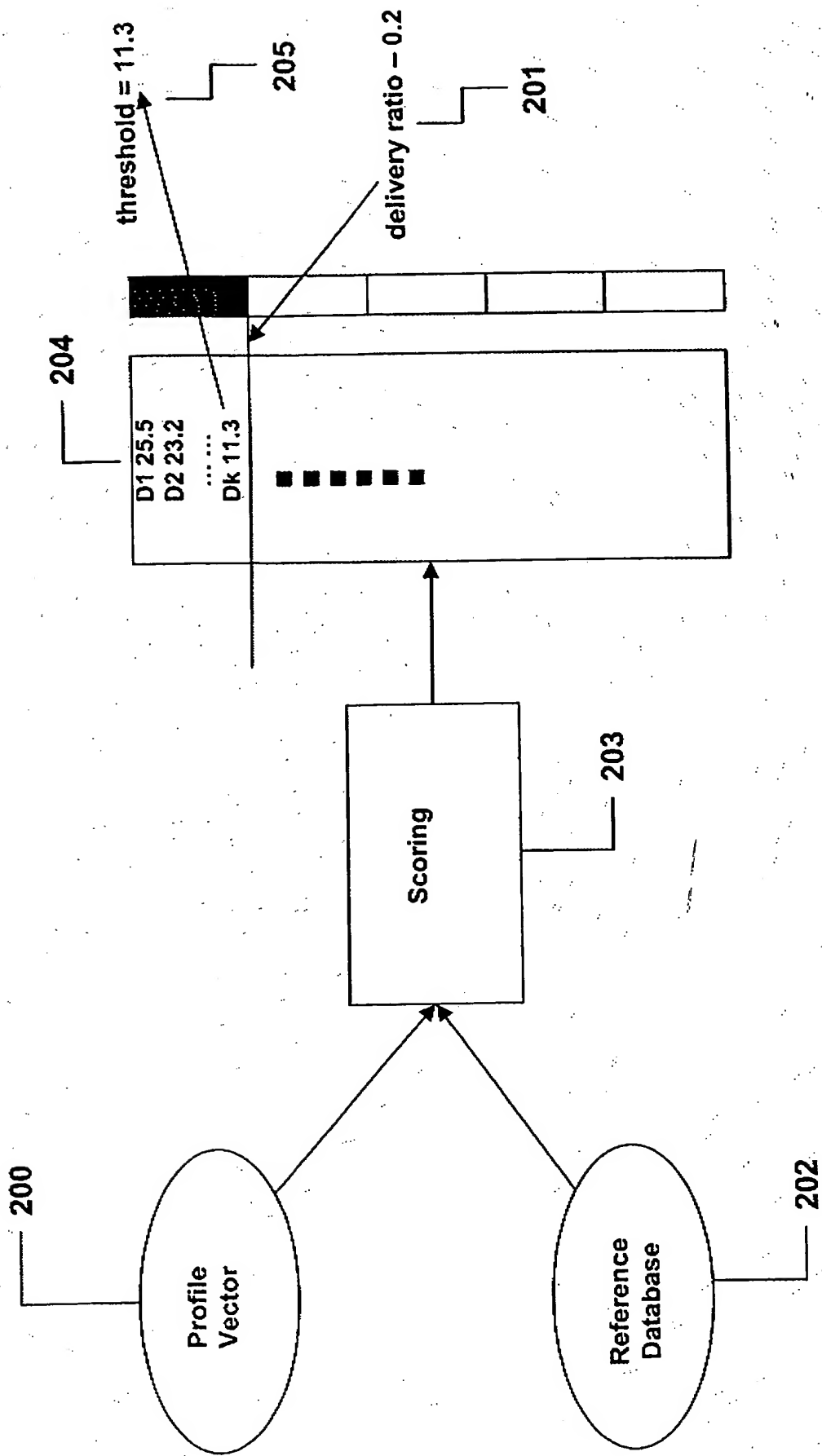


Figure 2(b)

Doc1	99.7	R	$U = 3 \times 1 - 2 \times 0 = 3$
Doc2	97.6	R	$U = 3 \times 2 - 2 \times 0 = 6$
Doc3	90.1	N	$U = 3 \times 2 - 2 \times 1 = 4$
Doc4	88.7	R	$U = 3 \times 3 - 2 \times 1 = 7$
Doc5	83.1	N	$U = 3 \times 3 - 2 \times 2 = 5$
Doc6	81.1	N	$U = 3 \times 3 - 2 \times 3 = 3$
Doc7	76.2	N	$U = 3 \times 3 - 2 \times 4 = 1$
Doc8	64.5	N	$U = 3 \times 3 - 2 \times 5 = -1$
Doc9	55.9	N	$U = 3 \times 3 - 2 \times 6 = -3$

²⁹¹

θ_{opt}

θ_{zero}

²⁹²

250

260

270

280

Figure 3

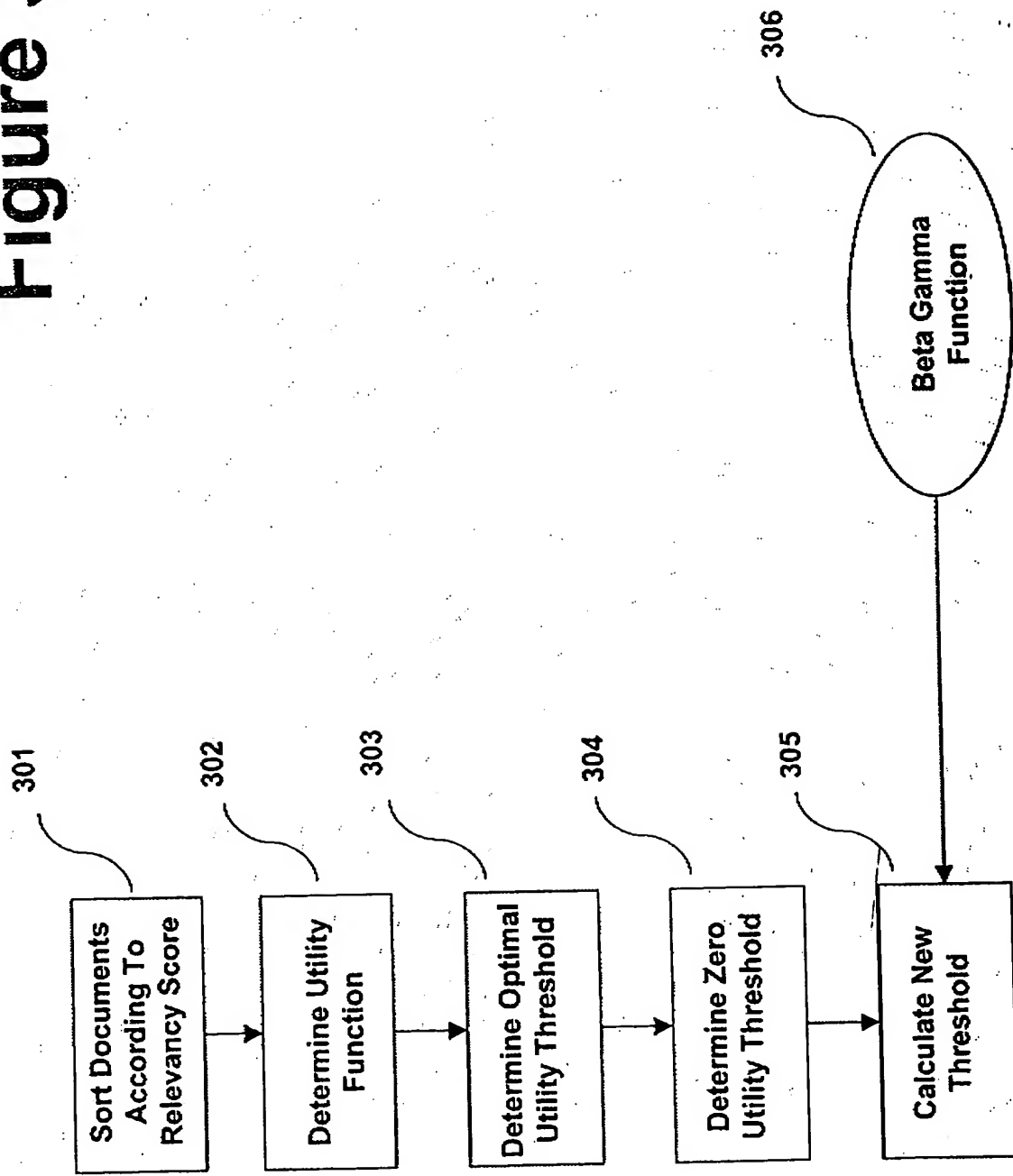


Figure 4

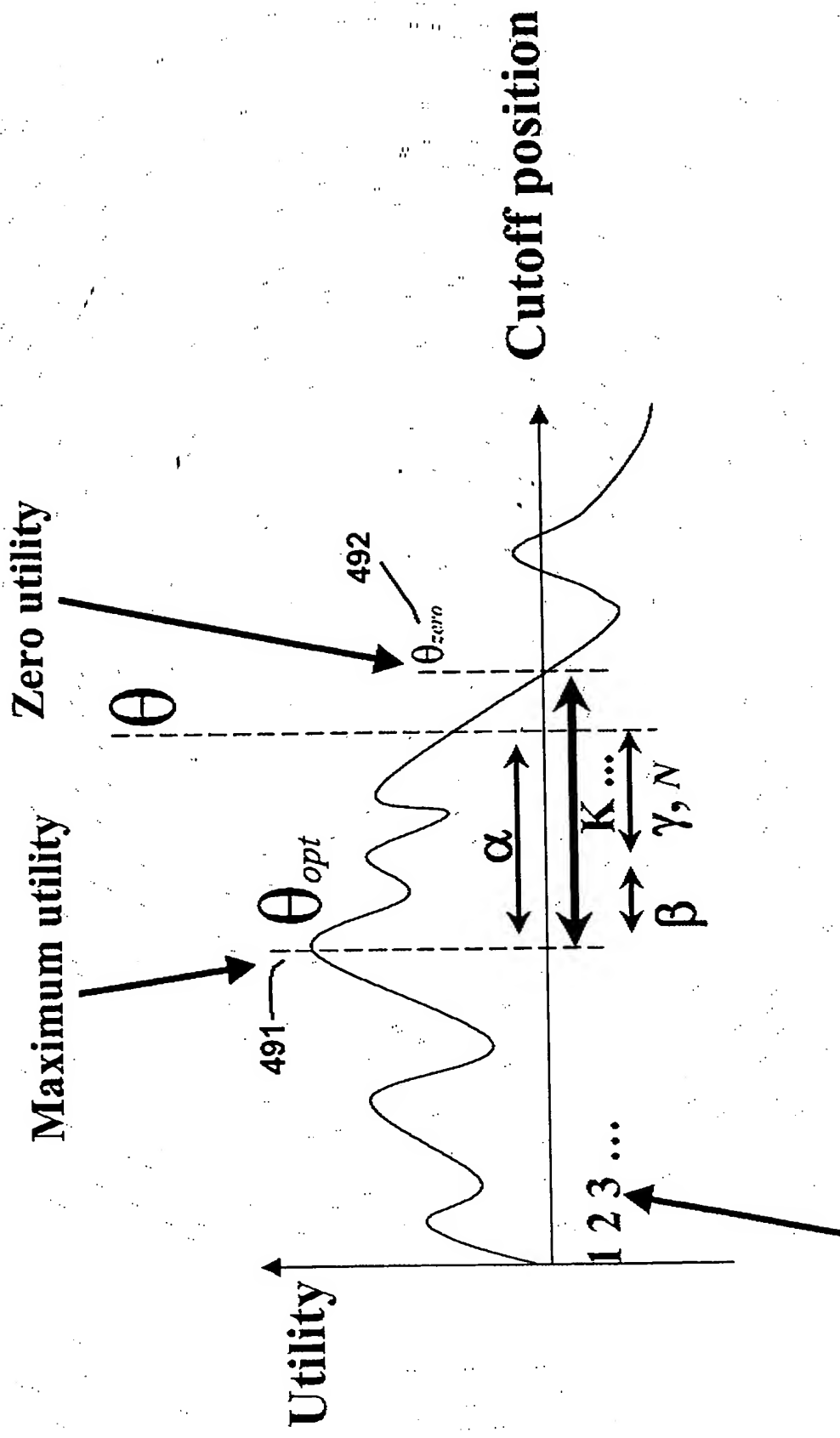


Figure 5(a)

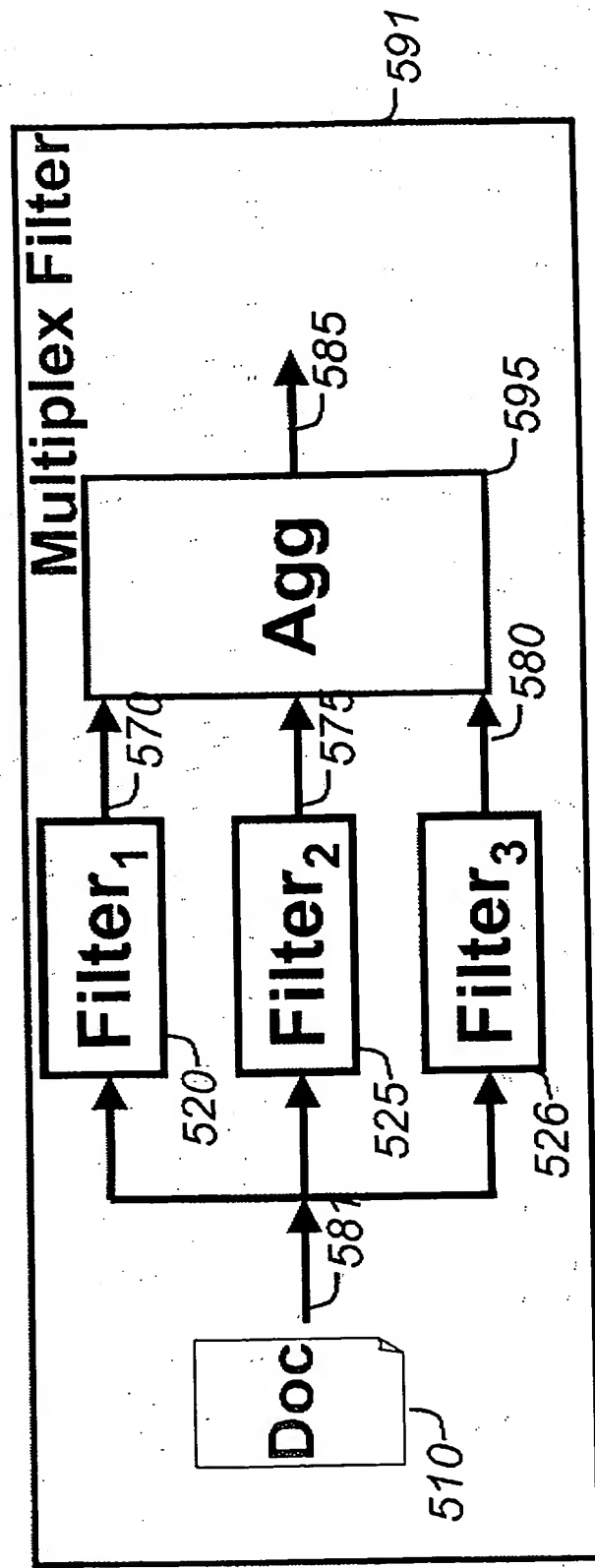


Figure 5(b)

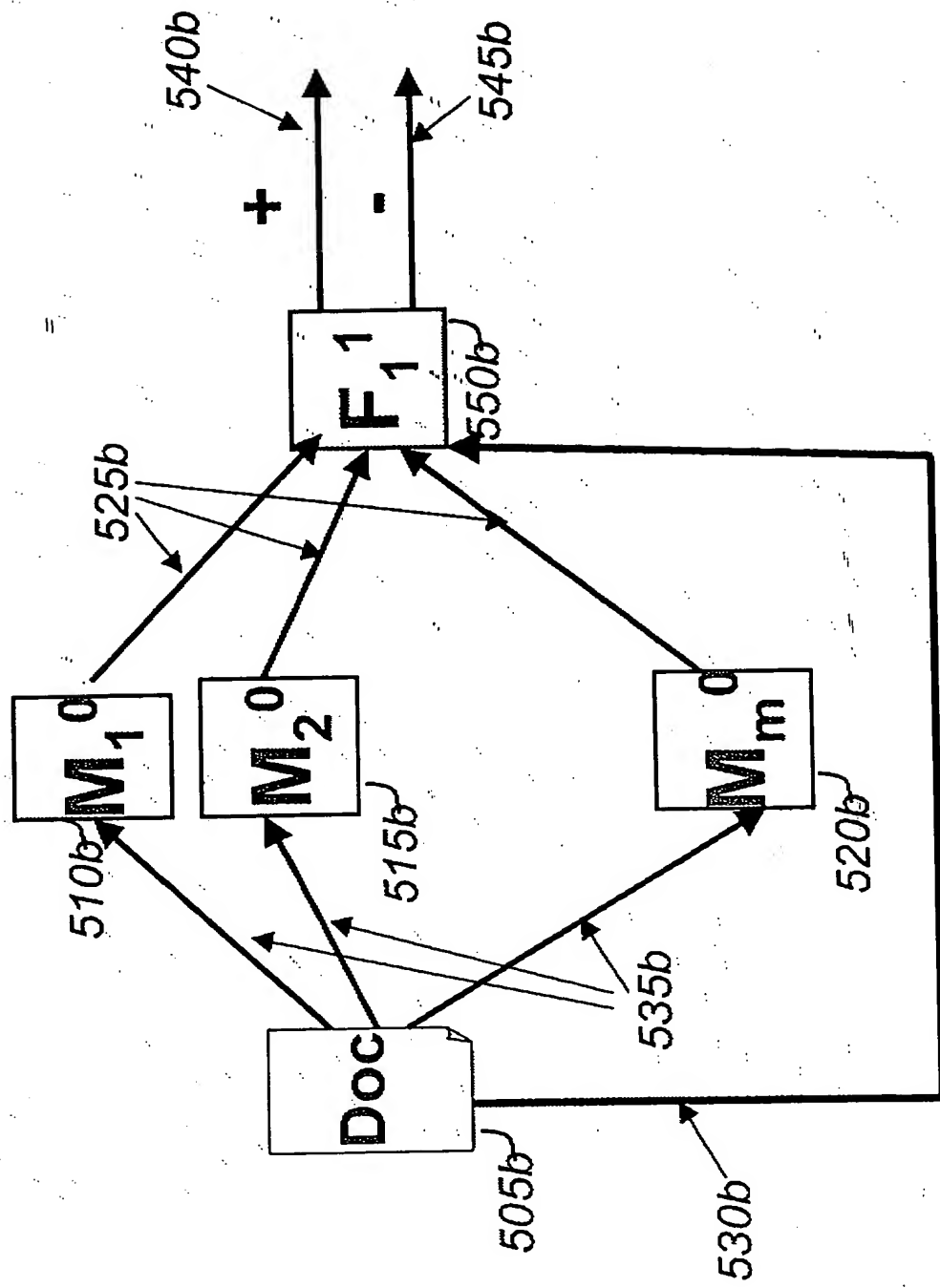


Figure 5(c)

The diagram shows a table with the following structure and annotations:

Doc ID	$F1_D$	$F2_D$	\dots	Ff_D	$M1_1^0$	$M1_2^0$	\dots	$M1_m^0$	label
1									
2									
3									
...									
L									

Annotations and their corresponding regions:

- 510c**: Points to the first column (Doc ID).
- 515c**: Points to the first row (Doc ID = 1).
- 520c**: Points to the last row (Doc ID = L).
- 530c**: Points to the columns $F1_D$, $F2_D$, \dots , and Ff_D .
- 540c**: Points to the columns $M1_1^0$, $M1_2^0$, \dots , and $M1_m^0$.

Figure 5(d)

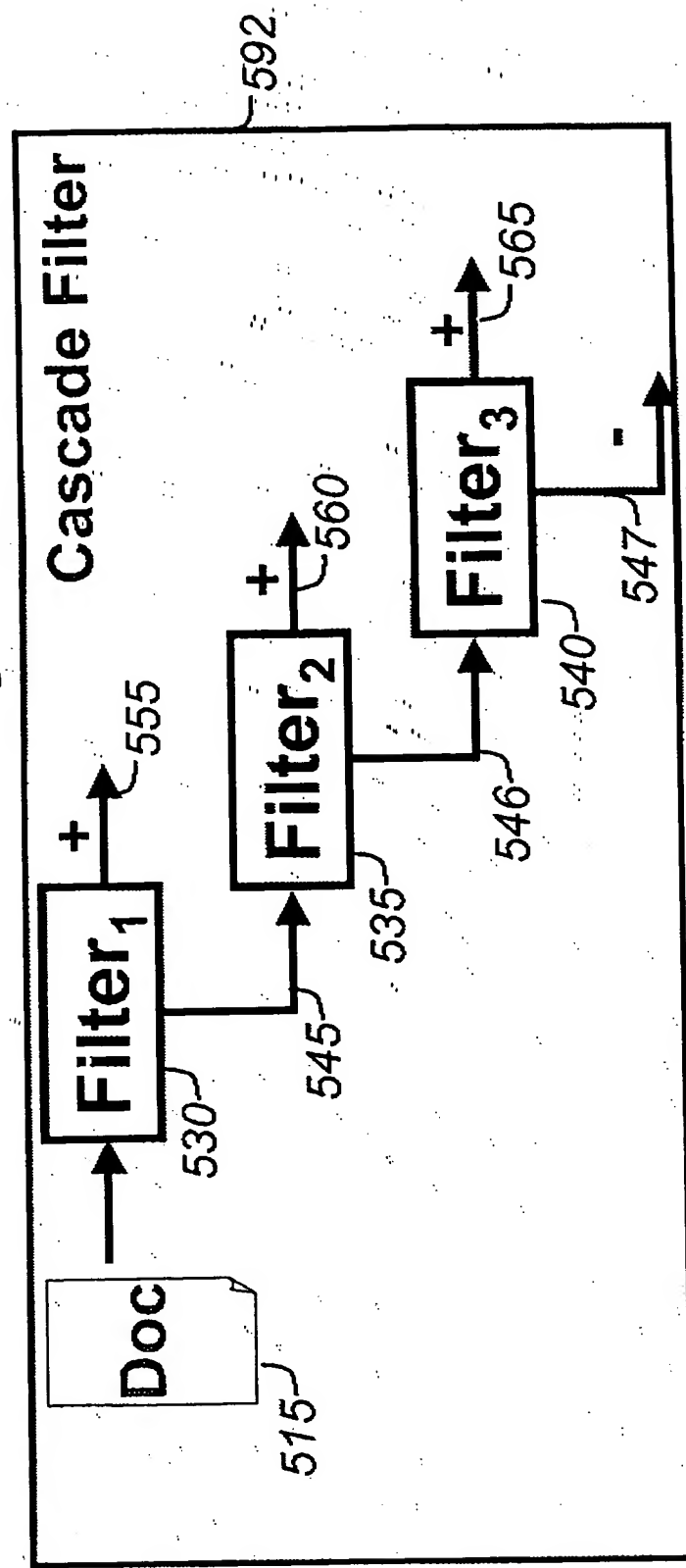


Figure 5(e)

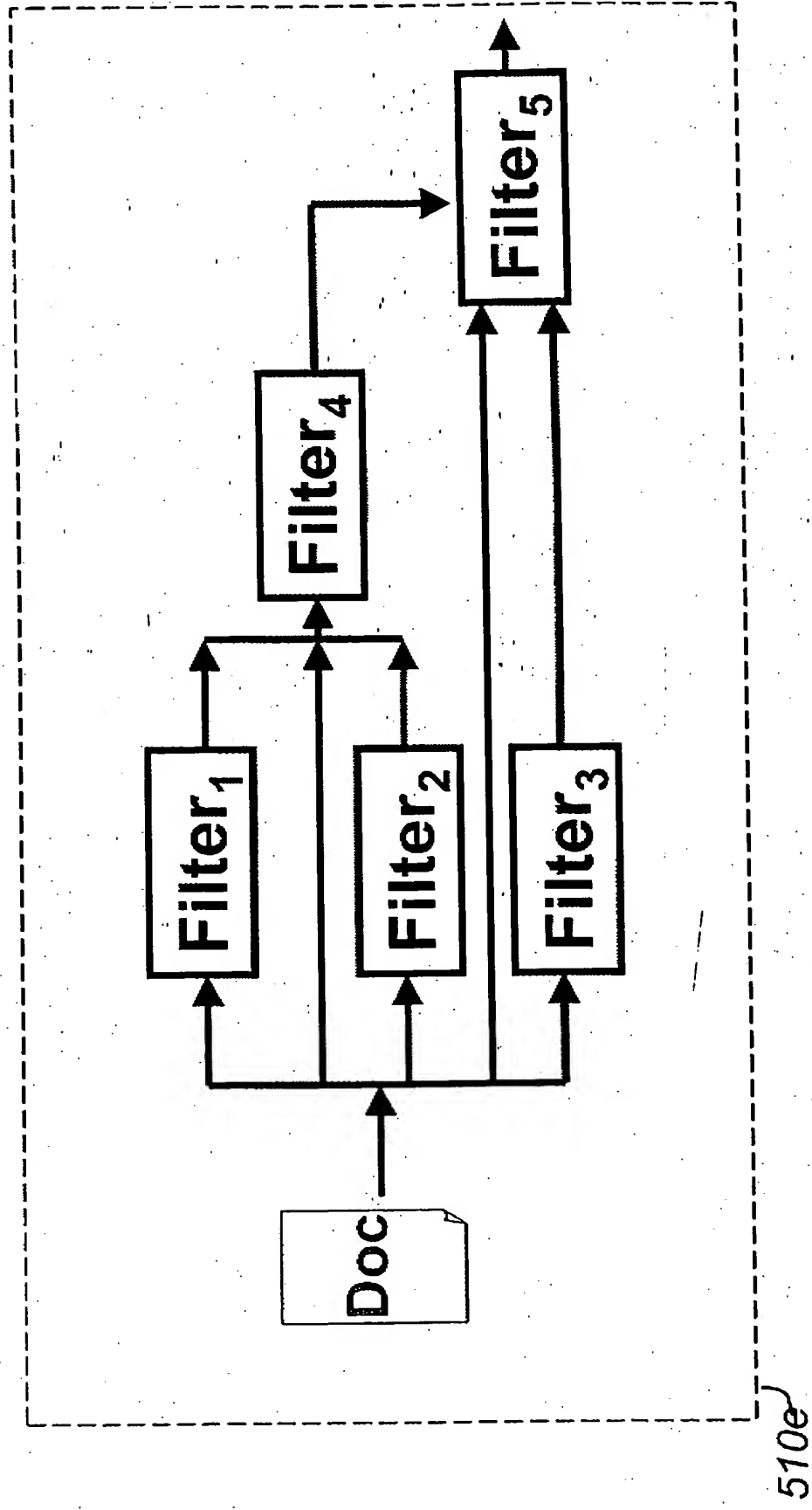


Figure 6

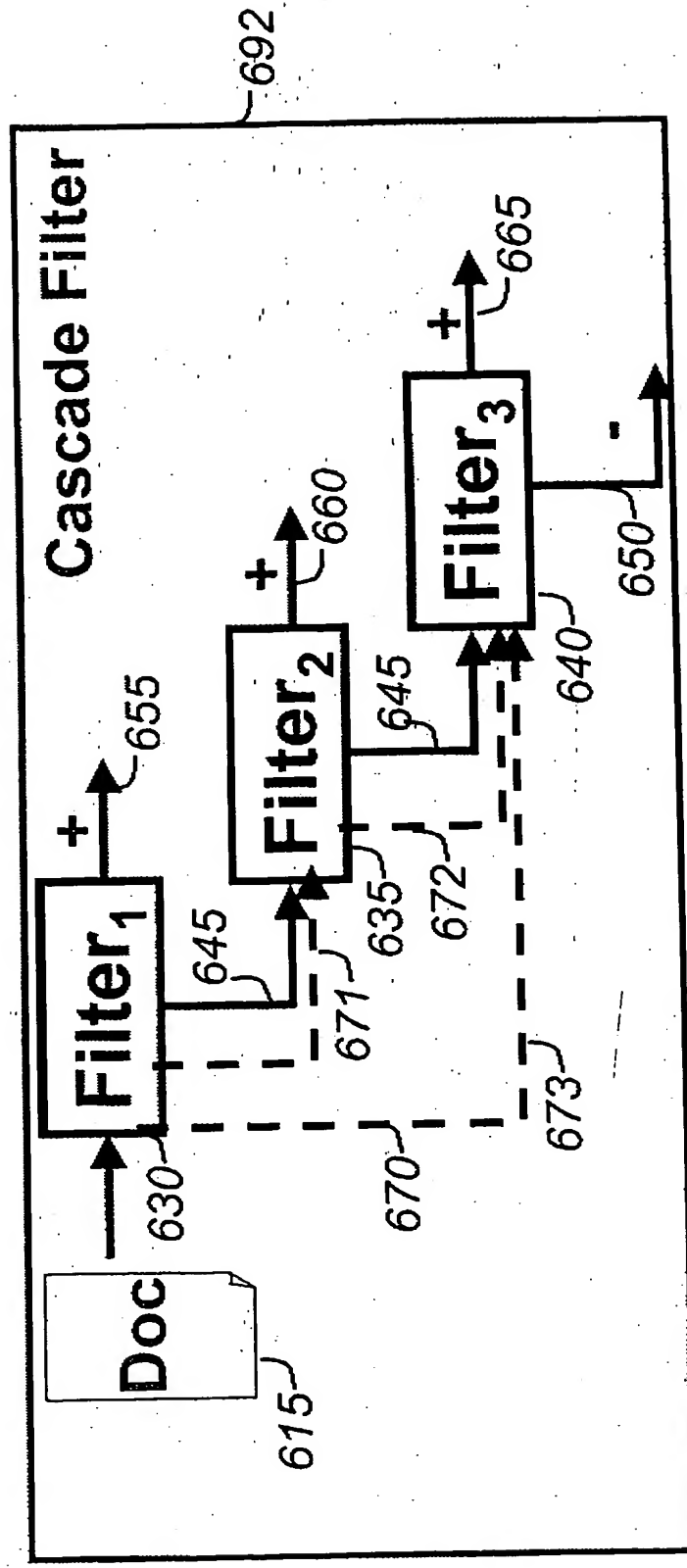


Figure 7

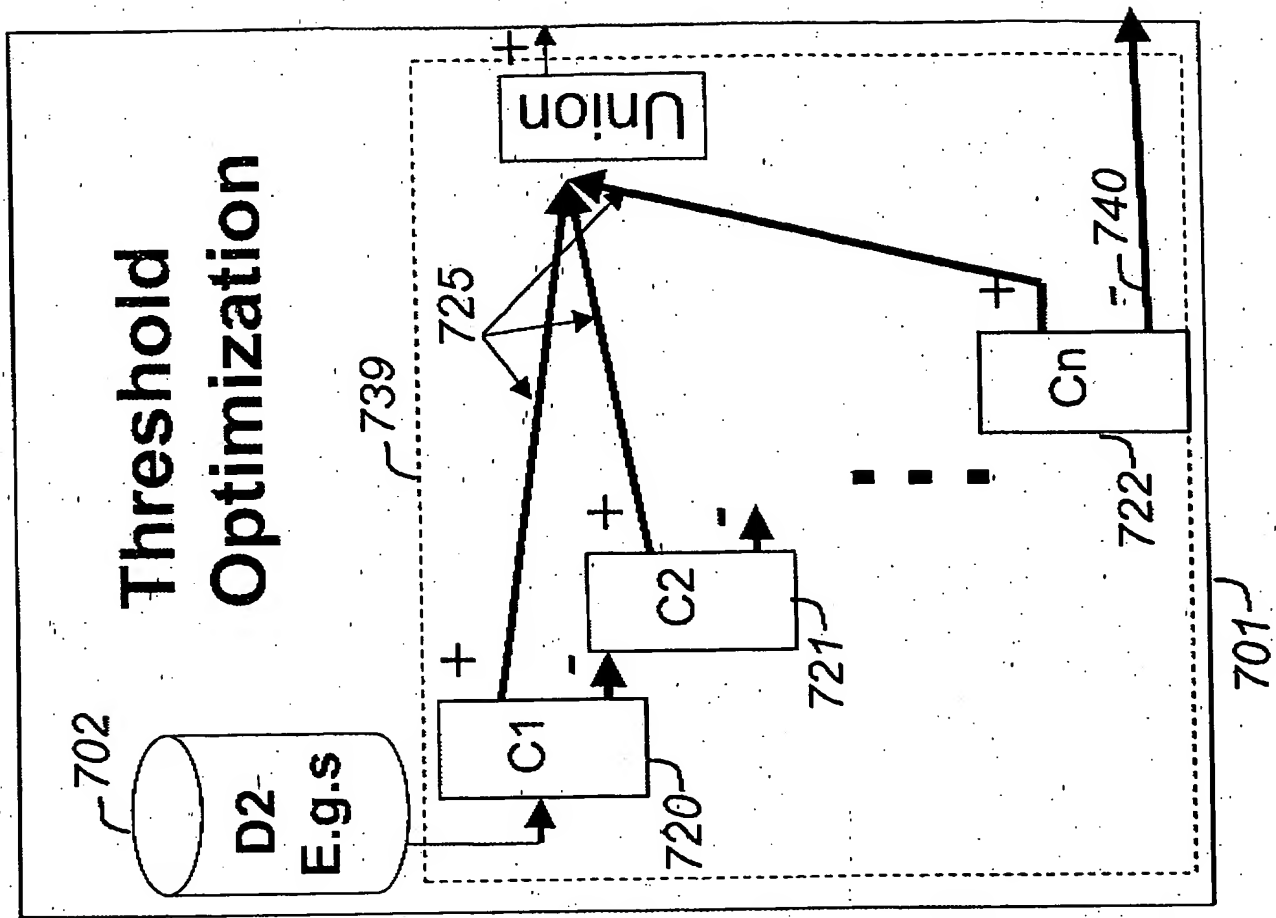
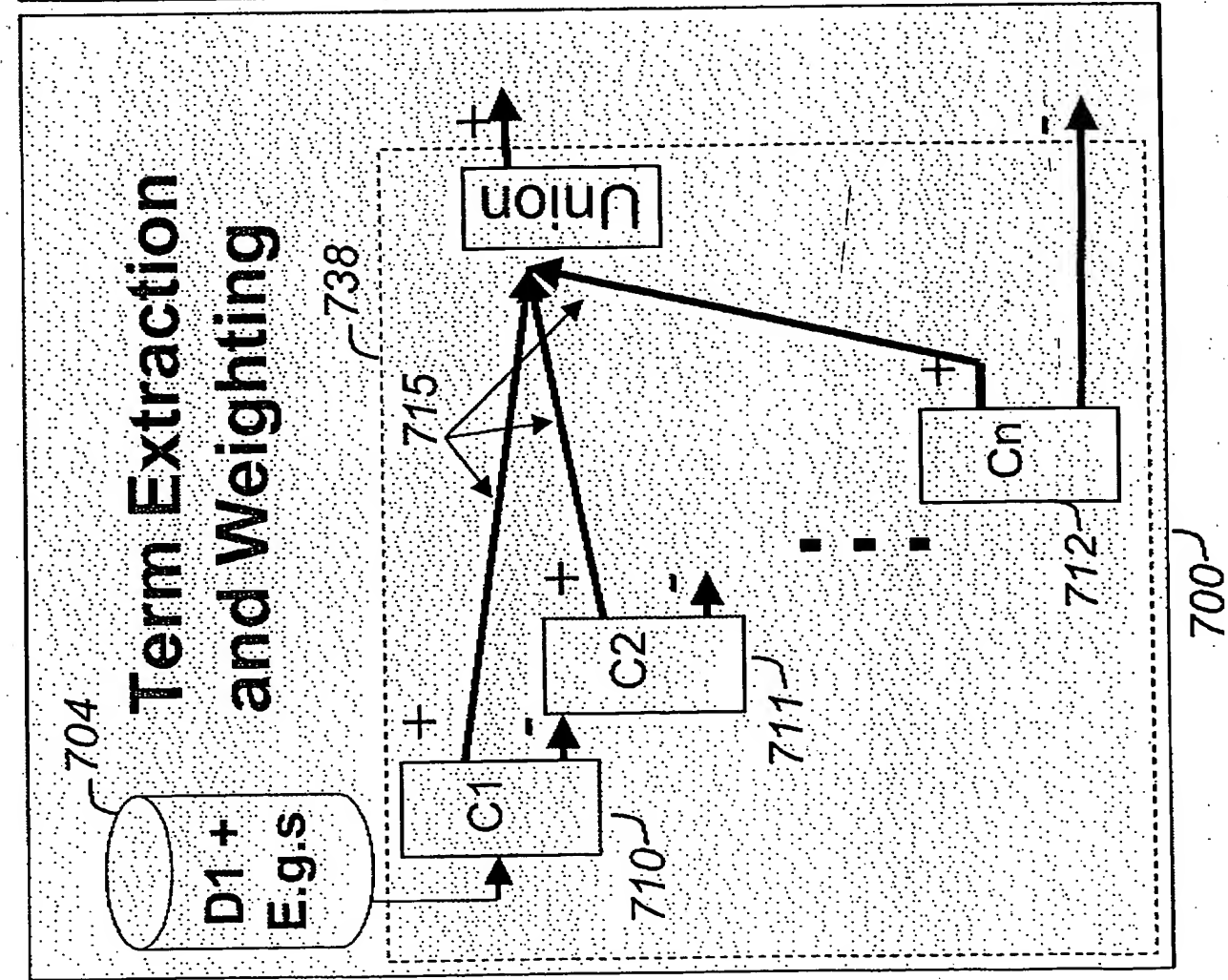
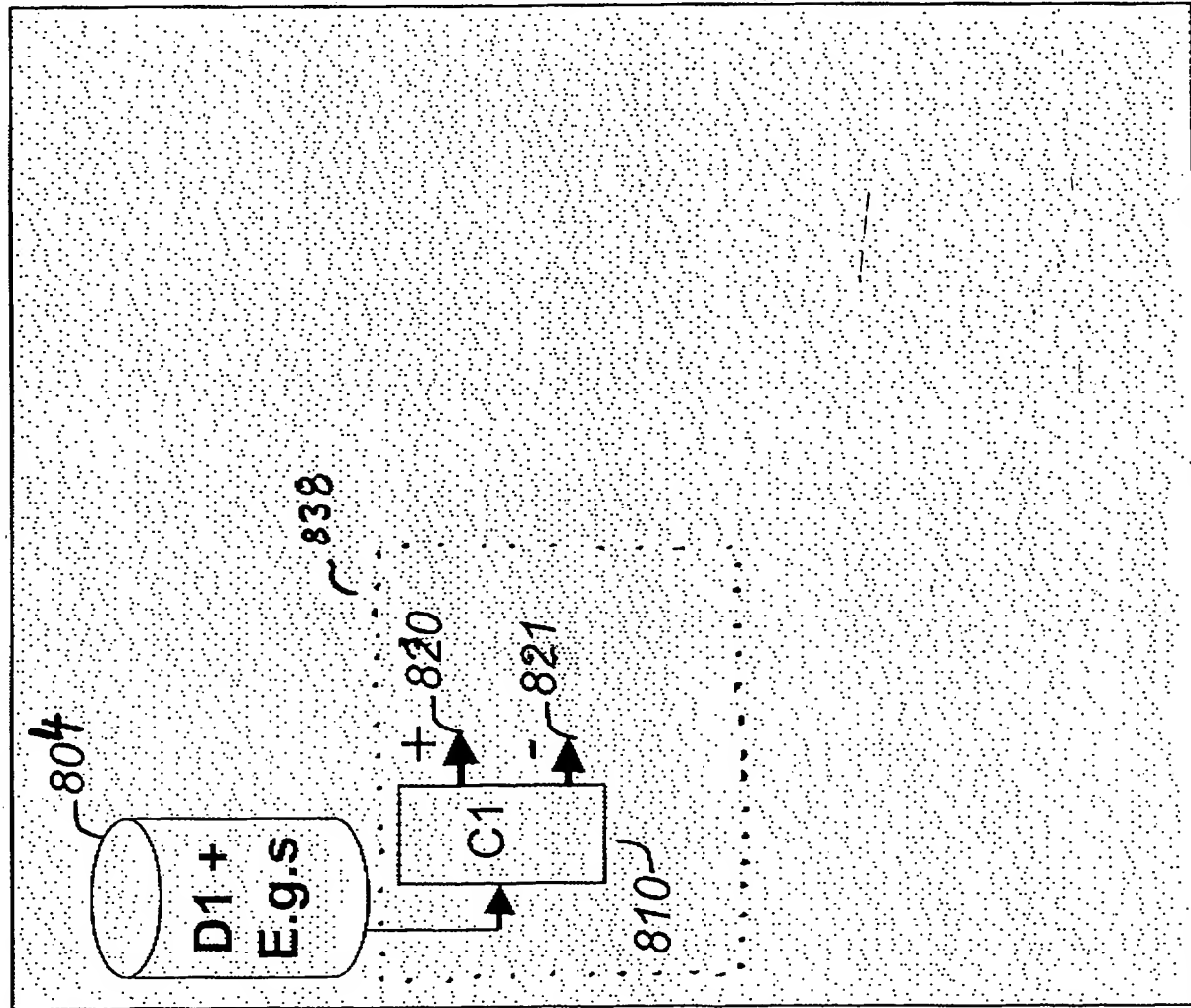
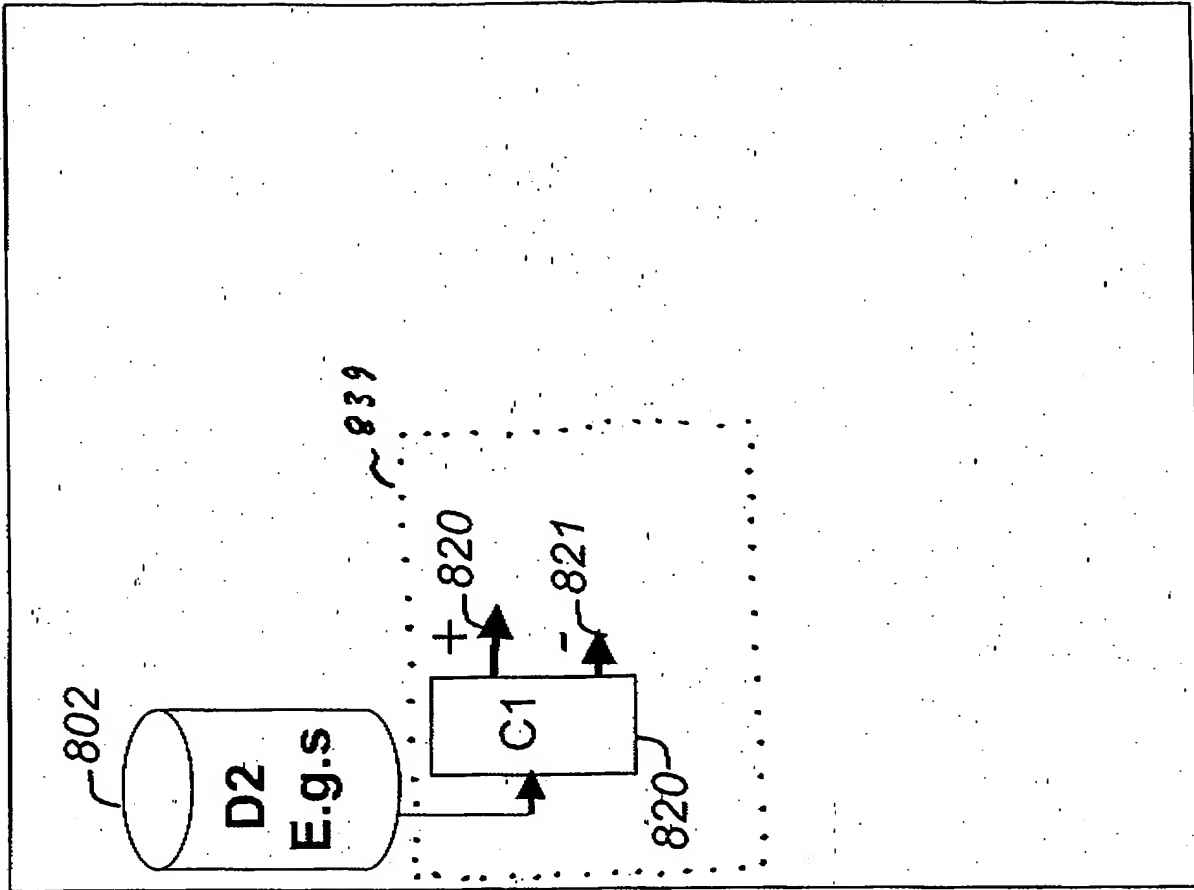


Figure 8



800



801

Figure 9

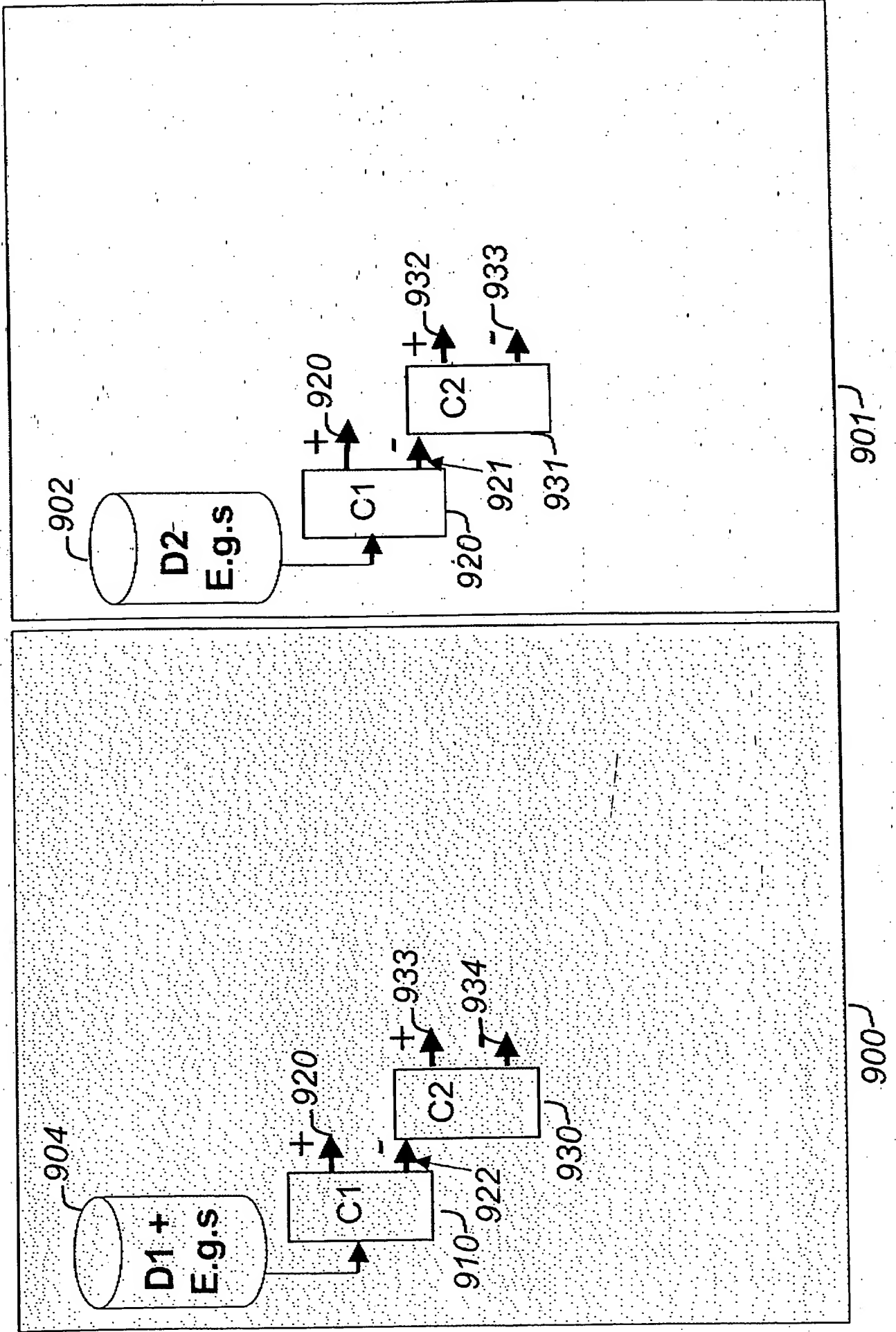


Figure 10

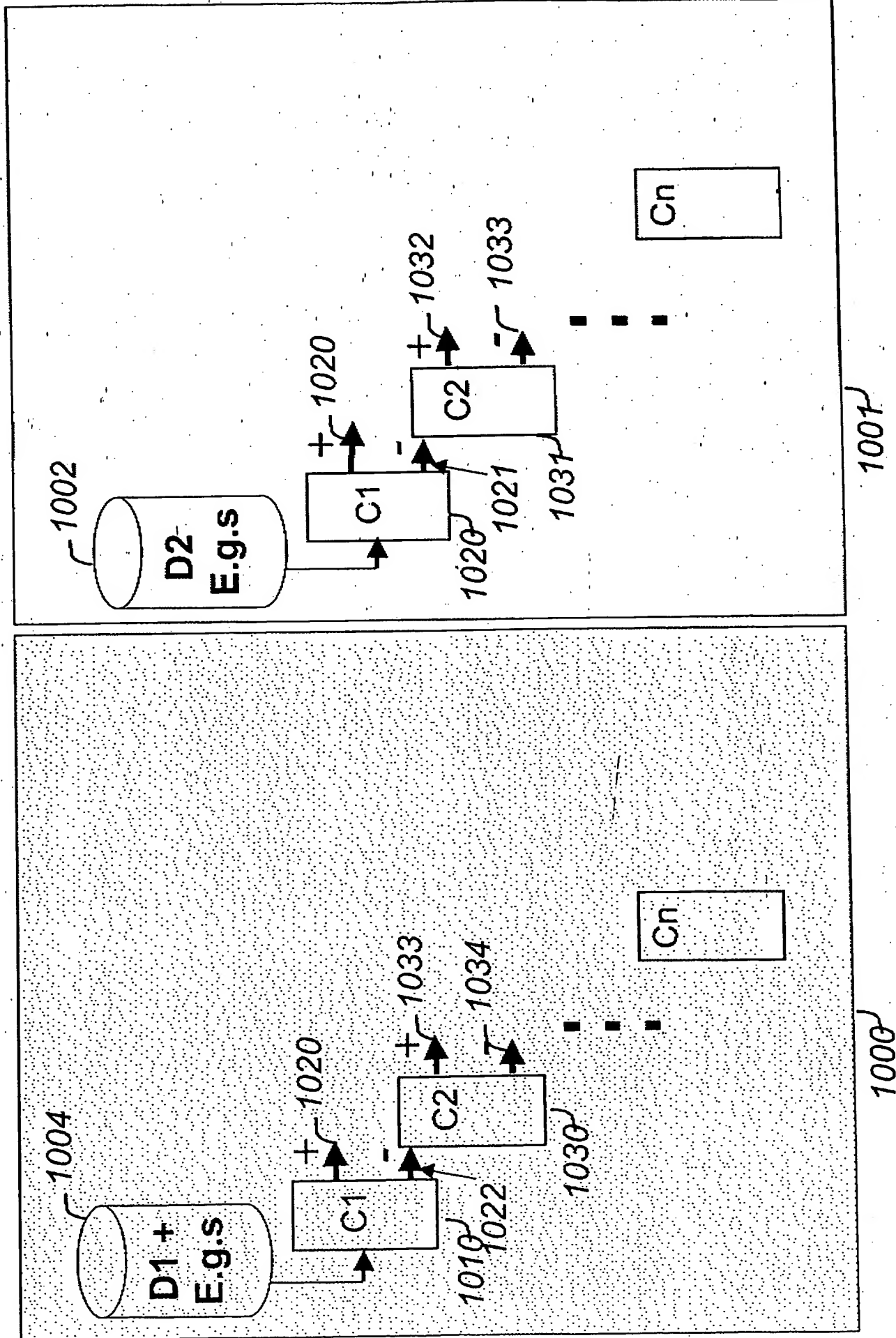


Figure 11

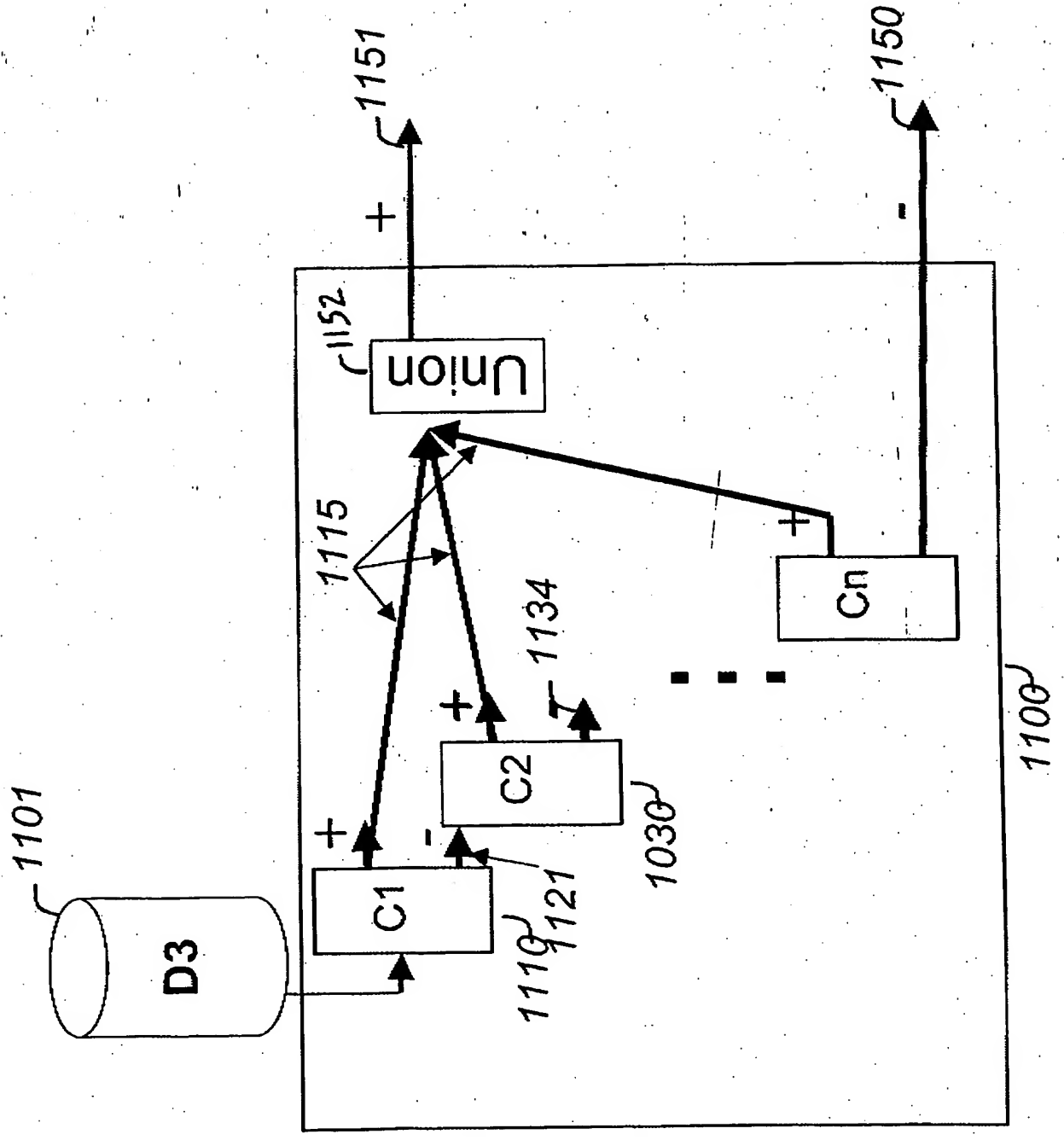


Figure 12a

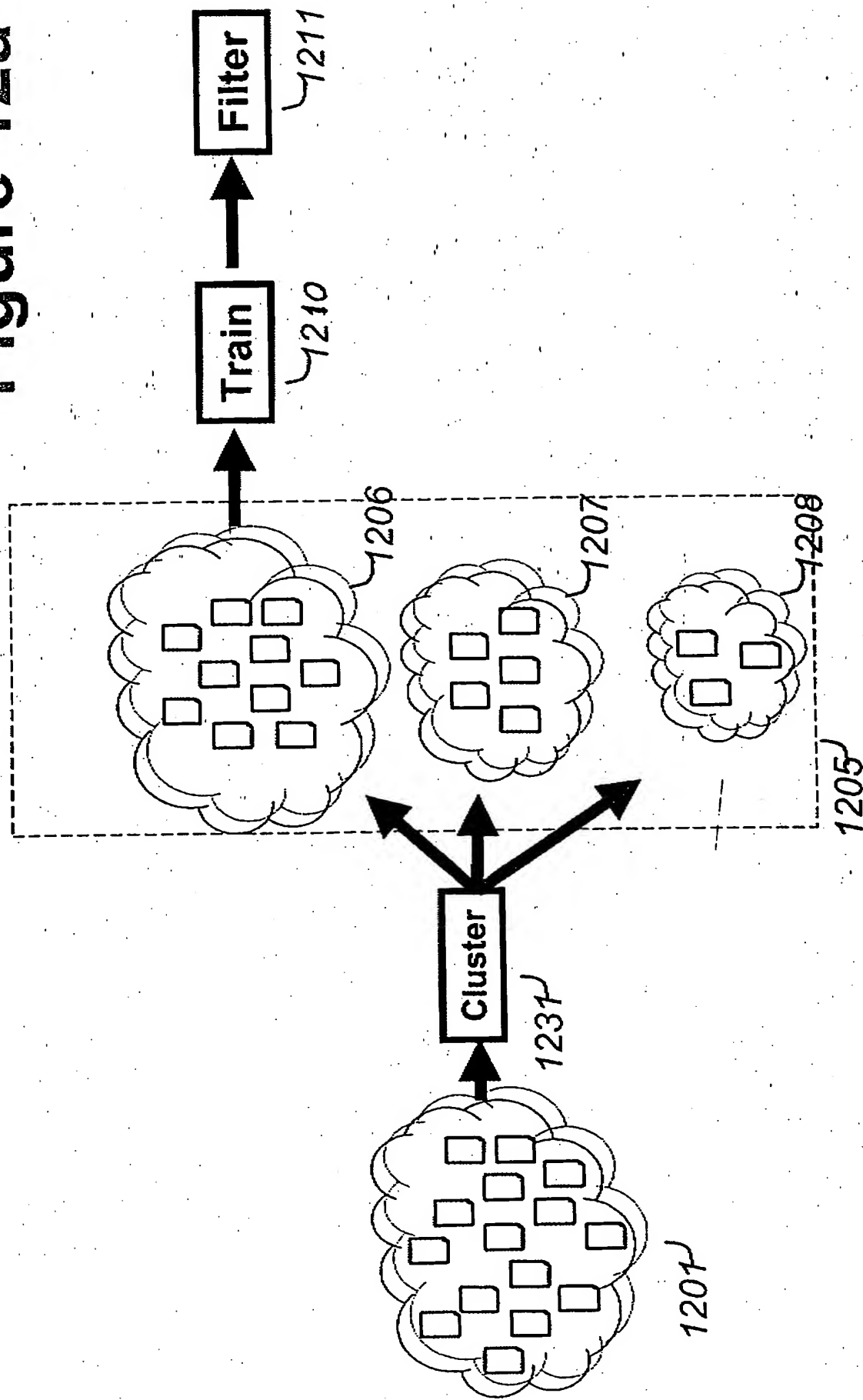


Figure 12b

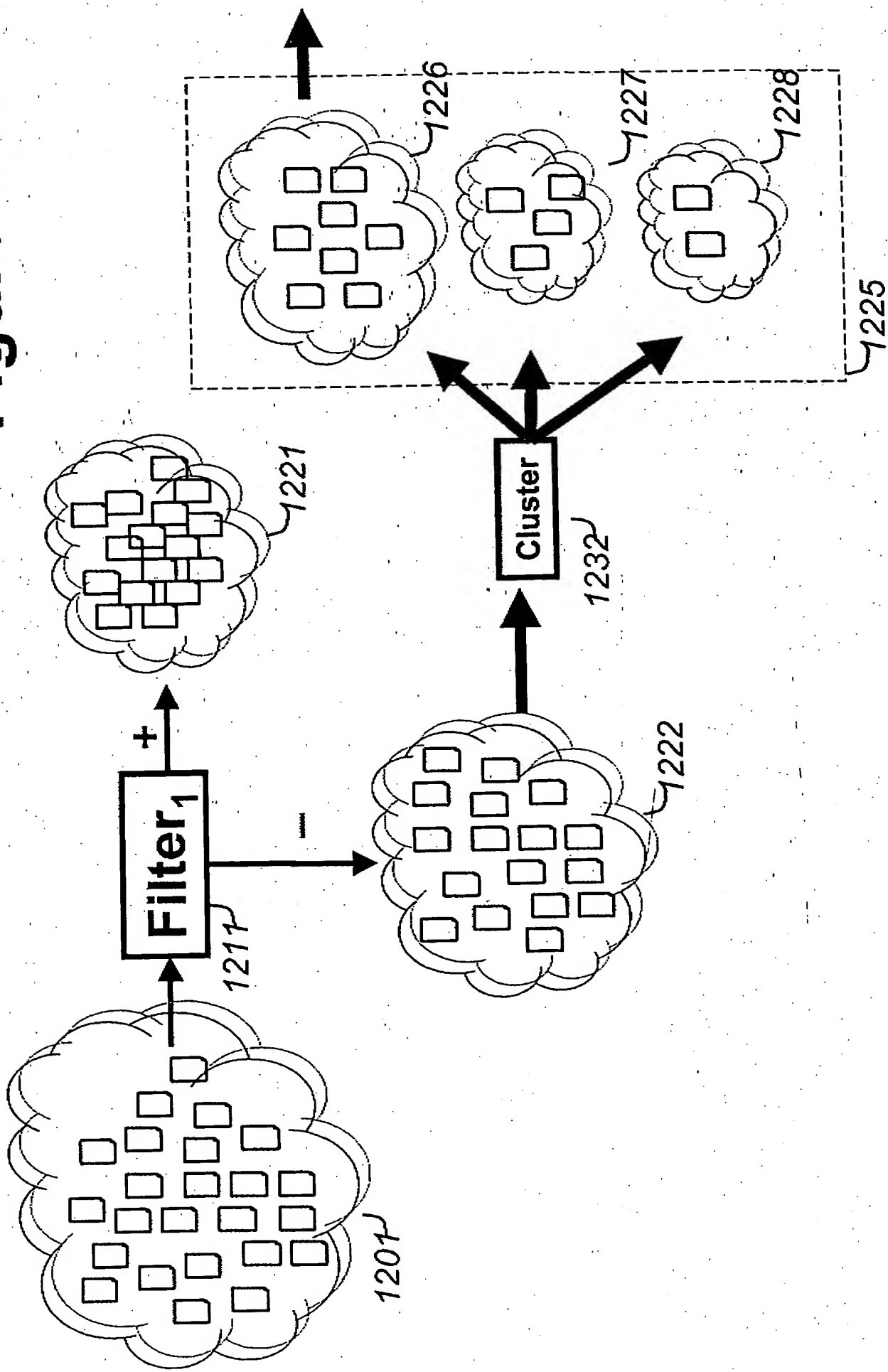


Figure 12c

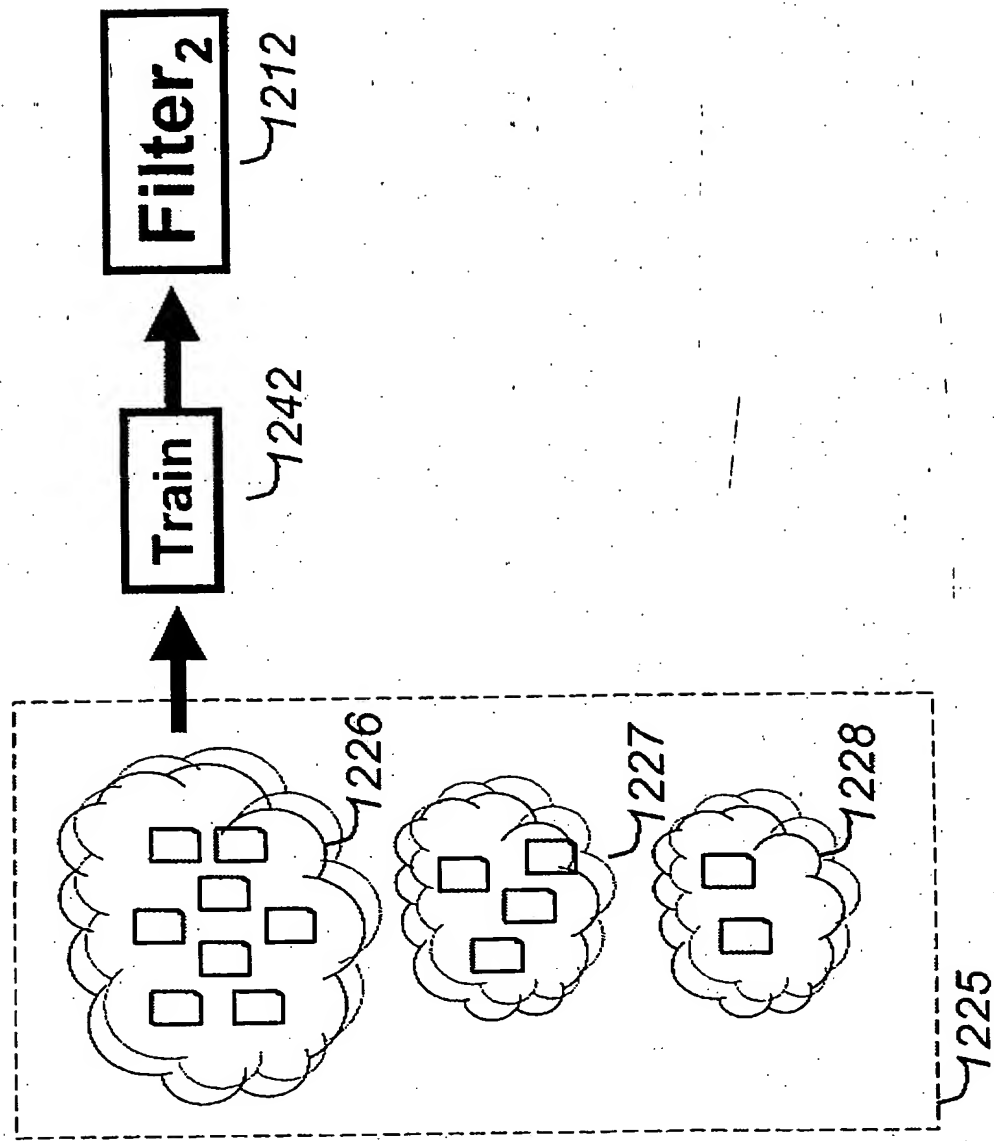


Figure 12d

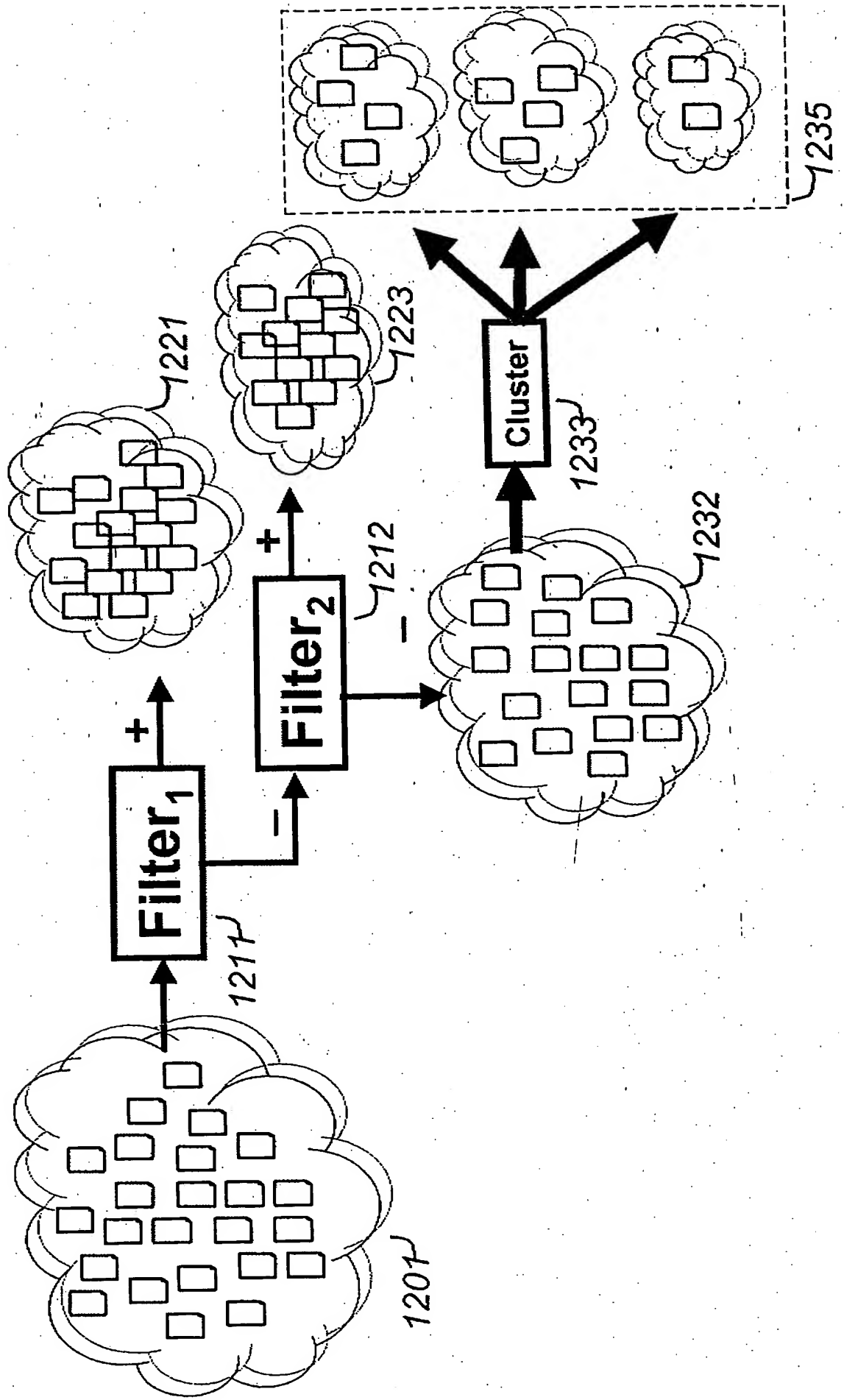


Figure 13

